

Exaton 27.31.4.LCu

Exaton 27.31.4.LCu is a copper alloyed chromium-nickel-molybdenum filler material for welding of high-alloy austenitic stainless steels such as Alleima Sanicro® 28 (UNS S08028, 1.4563) type. It is also suitable for joining Alleima Sanicro® 41 (UNS N08825, 2.4858) and other similar materials. Due to its outstanding corrosion properties, Exaton 27.31.4.LCu can be used in the most diverse environments, such as phosphoric and sulphuric acid, sour gas service in the oil & gas industry and chloride bearing seawater. Typical applications are found in heat exchangers, evaporators and transport piping. It is used for Submerged Arc Welding where the recommended flux is Exaton 15W.

Specifications

Classifications	EN ISO 14343-A : S 27 31 4 Cu L SFA/AWS A5.9 : ER383
Approvals	CE : EN 13479 UKCA : EN 13479

Approvals are based on factory location. Please contact ESAB for more information.

Alloy Type	Austenitic
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Typical Wire Composition %

C	Mn	Si	S	P	Ni	Cr	Mo	Al	Cu
0.01	1.7	0.1	0.001	0.012	31.0	27.0	3.5	0.04	1.0

Typical Wire Composition %

N	Nb	Co
0.05	0.02	0.03